Mod. MISTRAL202 DS

INDUSTRIAL VACUUM CLEANER FOR DUST AND SOLID MATERIAL

MODEL		MTL202 DS
Tension	Volt HZ	230 (110) 50-60
By-pass motors	N.	2 (single phase)
Power	KW HP	2,3 3
Max. Vacuum rate*	mm.H_2O	2.300
Max. Air flow rate**	M^3/h	360
Filter type		Cartridge
Filter surface (pocket filter)	Cm^2	30.000
Filter efficiency	CAT (BIA) / micron	M 1
Air load on filter	M^3/M^2/h	120
Capacity	Lt.	20
Suction inlet	∅	60-40
Noise level	dB(A)	74
Dimensions	cm.	52 x 48
Height	cm.	100
Weight	Kg.	31

***** Measured with fully closed suction inlet

****** Measured with fully open suction inlet

Suction unit

The suction is provided by **two by-pass motors**, using carbon brushes, operated by independent switches and placed inside a sturdy and noise reducing plastic casing . The motor head is filled with **noise reducing material**, in order to **limit as much as possible the level of noise**, and designed in order to **convey the exhaust air towards the ground**, so as not to bother the user and not to raise possible dust in the neighbouring area. The control board includes the **two independent switches and a power supply light**.

Filter unit

The filter is placed and protected inside the steel filter chamber; the **filter is a high surface cartridge** with high **filter surface (30.000 cm^2)**, and has a **high filtration efficiency (1 micron)**. A **manual filter shaker** enables the user to **clean the filter efficiently**, so as to detach most of the dust and **maintain the filter clean, in order to increase its life and maintain the suction performance** of the machine. The **suction inlet** (Ø60 mm. diameter with hose connectors down to 50 / 38 / 32 mm.), placed below the filter, makes it **possible to vacuum at the same time dust and solid material**, with optional suction directly into disposable bags,

Collection unit

The vacuumed material is placed inside a **drop-down bin mounted on wheels** (20 litres capacity), operated by **a user friendly handle**, which makes it possible to **dispose easily and safely of the sucked material**, possibly collecting it directly into a disposable bag.
The vacuum is mounted on **a sturdy steel chassis** with two pivoting wheels, one of which with brakes; **all steel parts of the vacuum are epoxy painted.**